

# LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

## Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

MID-COUNTY MATERIALS

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

Limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on Four acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Expansion

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Pulaski	31	36N	11W	0	4	4	York Site Limestone	2078

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 9th day of November 2004

  
DIRECTOR OF STAFF  
Land Reclamation Commission

Permit No. 0867 - A1  
Effective Date 11/09/2004  
Expiration Date 05/13/2005

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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION

## PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND  
RECLAMATION COMMISSIONP.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <b>Mid County Materials</b>		DATE <b>8/20/2004</b>	
ADDRESS <b>503 Historic 66 West</b>	CITY <b>Waynesville</b>	STATE <b>MO</b>	ZIP CODE <b>65583</b>
CONTACT PERSON <b>Bobby Laughlin</b>		TELEPHONE NUMBER <b>(573) 774-3750</b>	

CHECK ANY THAT APPLY:

☐ New Permit      ☐ Permit Amendment      ☐ Permit Revision      ☒ Permit Expansion

SITE NAME OR NUMBER	ACREAGE*	LOCATION: COUNTY, SECTION, TOWNSHIP, RANGE (EAST OR WEST)
1. York Site limestone	4	Pulaski, Section 31, T36N, R11W
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		

ATTACH ADDITIONAL SHEETS IF NECESSARY

SIGNATURE OF APPLICANT <i>Bobby Laughlin</i>	TITLE <i>President</i>	DATE <i>9/3/04</i>
---	---------------------------	-----------------------

Appeared before me this 3<sup>rd</sup> day of September, 2004, Bobby Laughlin  
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSE	STATE <b>MISSOURI</b>	COUNTY (OR CITY OF ST. LOUIS) <b>PULASKI</b>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <b>3<sup>rd</sup></b> DAY OF <b>September</b> , 200 <u>4</u>	USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE <i>Kathleen A. Curtis</i> NOTARY PUBLIC NAME (TYPED OR PRINTED) <b>Kathleen A. Curtis</b>	MY COMMISSION EXPIRES <b>5/9/05</b>



FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>	DATE APPROVED <b>9-9-04</b>	PERMIT NUMBER <b>0867-A1</b>	EXPIRATION DATE <b>5-31-05</b>
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MO 780-1002 (4-02)

ATTACH FEES AND BONDING WORKSHEET

\*Only the 4 acres being bonded in this expansion are listed on this form--see detail map for total acreage (including 269 acres being added in Mine Plan).

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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES  
FEES AND BONDING WORKSHEET**

MISSOURI LAND  
RECLAMATION COMMISSION

P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <div style="text-align: center;">Mid County Materials</div>		DATE <div style="text-align: center;">8/20/2004</div>
<b>FEES: COMPLETE SECTION I OR SECTION II</b>		
<b>SECTION I. FEES: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:</b>		
1. To compute the site fee complete the columns and lines below:		
SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the Permit Year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
York Site limestone	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$300
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
<b>TOTAL SITE FEE &gt;</b>		<b>\$300</b>
2. Acreage fee* \$5 X <u>4</u> number of acres bonded..... <b>\$20</b>		
3. Annual Permit Fee..... <b>\$500</b>		
4. Total Fee (Add totals from 1, 2 and 3)..... <b>\$820</b>		
NOTE: If Total Fee exceeds \$2,500.00 then pay only ..... <b>\$2,500</b>		
<b>SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:</b>		
1. Annual Permit Fee..... <b>\$300</b>		
<b>III. BONDING -</b> for all except in-stream mine sites:		
A. For sand and gravel operators mining less than 5,000 tons per year:		
Number of new acres _____ X \$500 per acre..... <b>\$0</b>		
B. For ALL other open pit operations:		
Minimum per permit..... <b>\$8,000</b>		
Acreage over eight acres <u>16</u> X \$500 per acre..... <b>\$8,000</b>		
TOTAL BONDING REQUIRED..... <b>\$16,000</b>		
<input type="checkbox"/> Check here if adequate bonding is already posted.		

MO 780-1007 (12-02)

\*Only the additional acres being bonded are included in the acreage fee above. Other than the acreage fee, permit fees have already been paid.

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LAND RECLAMATION COMMISSION  
SITE INFORMATIONP.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

Complete this form for each separate area of disturbance associated with mining operations.		
SITE NAME OR NUMBER York Site limestone		PERMIT NUMBER 0867
COMPANY Mid County Materials		
COUNTY Pulaski	1/4 SECTION Part of NE1/4 and part of NW1/4	SECTION 31
TOWNSHIP 36N	RANGE 11W	ACRES 269
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) Not Applicable		
MINERAL COMMODITY Limestone		ESTIMATED TONS/YEAR (GRAVEL SITES) Not Applicable

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Frank & Sandra Farris		
ADDRESS P.O. Box 408		
CITY Waynesville	STATE MO	ZIP 65583
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input checked="" type="checkbox"/> LEASE* <input type="checkbox"/> VERBAL <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT 7/30/2004

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same as landowner.		
ADDRESS		
CITY		
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<b>NOTE:</b> Each site must be shown on a map and be included in a public notice and an approved mine plan.		

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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
MINE PLANP.O. BOX 176  
JEFFERSON CITY, MO 65102MISSOURI LAND  
RECLAMATION COMMISSION

COMPANY NAME <b>Mid County Materials</b>	
TYPE OF PLAN (CHECK ONE): <input type="checkbox"/> SHORT TERM, FOR ONE PERMIT YEAR <input checked="" type="checkbox"/> LONG TERM, FOR PERIOD THROUGH DATE: <b>May 13, 2054</b>	
DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.  <b>York Site limestone</b>  This plan covers an area of approximately 269 acres (see Detail Map) to be mined for limestone. (20 acres are already permitted at the York site for sand & gravel and about 2/3rds of the gravel has already been mined, with the mining of limestone expected to replace gravel mining.) As noted in the Mine Plan for gravel this site, the topsoil is very thin and rocky, with an average of less than 1" of topsoil and 24" of overburden. As shown in the Locator Map, the acreage to be mined initially is a steeply sloped bluff adjacent to the Roubidoux Creek floodplain. A private access road runs from the mining site to the nearest public road—Superior Road. A buffer of at least 50' wide will be maintained between the Mine Plan boundary and the property lines.	
OPERATION PLAN - 10 CSR 40-10.0-2(D)1 A. TOPSOIL	
AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING  <u>Less than 1" topsoil (and 24" overburden)</u> INCHES	IS TOPSOIL TO BE SOLD OR DISCARDED OFF-SITE?  <input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL  After trees are cleared with bulldozers, topsoil (if existing) and overburden is removed with an excavator. The topsoil/overburden will be stored for replacement. Topsoil removal will be completed during the summer for the areas to be mined the following year. Topsoil removal will be kept at least 10 feet ahead of pit excavation.	
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION  The topsoil/overburden will initially be deposited in stockpiles in a valley/gully in the northeast corner of the Mine Plan area (see Detail Map). The stockpiles will be stored, shaped, and seeded (with the Seed Mix on page 3 of the Mine Plan) to protect the pile from erosion.	
PERMIT NO.  <b>0867</b>	SITE NUMBER/NAME  <b>York Site limestone</b>

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## PLACEMENT AND DEPOSITION

All overburden removed from the pit will be placed in the permitted and bonded mined-out portions of the pit and graded to traversible slopes (3:1) before topsoil is replaced and seeded.

## ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

There are no acidic materials at this site.

## D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

See attached site maps.

YES

NO

☐

X

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐

X

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right-of-way, and in no case may the excavation be closer to the right-of-way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐

X

Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

PERMIT NO.

0867

SITE NUMBER/NAME

York Site limestone

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MISSOURI LAND

RECLAMATION COMMISSION

## RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

## A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
#1	Agricultural	Spring (March 15 - May 01)*

## DESCRIBE METHODS AND EQUIPMENT USED FOR SEEDING OR PLANTING

During the first spring (or first optimal seeding period) following topsoil replacement, the field will be disced, then the seed mix will be broadcast. After lime and fertilizer are spread, the field will be harrowed.

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Wheat	50		
Fescue	10		
Red Clover	8		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
---------------------	---------------------	-----------------------------

## DESCRIBE METHODS AND EQUIPMENT USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

PERMIT NO.	SITE NUMBER/NAME
0867	York Site limestone

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MISSOURI LAND  
RECLAMATION COMMISSION**B. GRADING**

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

All slopes will be graded to slopes traversable by farm machinery, although sidewalls of solid rock may be left in place.

**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING****GRADING**

Grading will be done as the pit advances and as spoil is placed in the mined-out portions. Final grading will be completed within one year of permit expiration on all mined-out portions.

**REPLACEMENT OF TOPSOIL**

Topsoil (Horizon A) and subsoil (Horizon B) will be replaced to a uniform depth of 12" (combined depth of topsoil & subsoil) and disced to reduce compaction. Topsoil will be replaced within one year of permit expiration on all mined-out areas.

**REVEGETATION**

Prior to seeding, soil test analyses will be conducted in order to determine appropriate lime and fertilizer application requirements. All topsoil areas will be seeded during the first optimum seeding period following topsoil replacement.

**AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)**

A Horizon + B Horizon = 12 inches (as noted under "Replacement of Topsoil" above)

**D. USE OF LAND WHEN RECLAIMED**

Estimated acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	
Agricultural (pasture, cropland, and horticultural)	269
Development (residential, industrial, and recreational)	
Water impoundments (for wildlife, agriculture, or development)	
PERMIT NO. 0867	SITE NUMBER/NAME York Site limestone

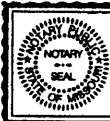


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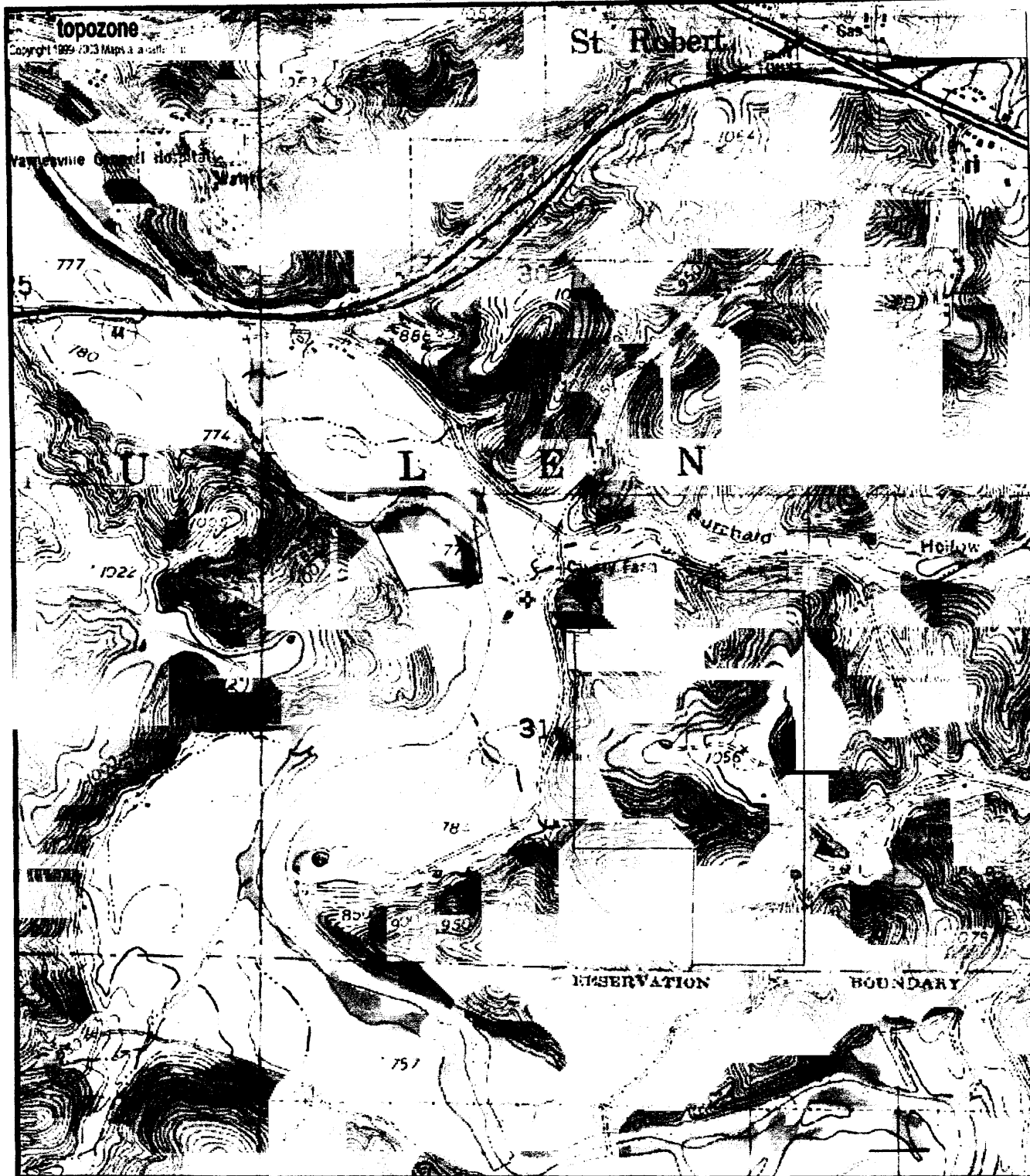
By my signature, I attest to the following:

MISSOURI LAND  
RECLAMATION COMMISSION

1. All statements made on this Mine Plan Form are correct, complete and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.790, RSMo 2001, and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's (for all lease agreements made after August 28, 1990 on leased land) for all proposed post-mining land uses.
4. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed seed mixtures.
5. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>Billy Laughlin</i>		TITLE <i>President</i>		DATE <i>9/3/04</i>	
<b>NOT VALID UNLESS NOTARIZED</b>	STATE <i>MISSOURI</i>		COUNTY (OR CITY OF ST. LOUIS) <i>PULASKI</i>		
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>3<sup>rd</sup></i> DAY OF <i>September</i> YEAR <i>2004</i>		<b>USE RUBBER STAMP IN CLEAR AREA BELOW.</b> 		
	NOTARY PUBLIC SIGNATURE <i>Kathleen A. Curtis</i>				
	MY COMMISSION EXPIRES <i>5/9/05</i>				
NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Kathleen A. Curtis</i>					
<b>FOR DEPARTMENT USE ONLY</b>					
APPROVED BY <i>[Signature]</i>		DATE APPROVED <i>9-9-04</i>		PERMIT NUMBER <i>0867</i>	
PERMIT NO. <i>0867-A1</i>		SITE NUMBER/NAME <i>YORK - LIMESTONE</i>			

LOCATOR MAP  
 (nd County Materials - York Site)



KEY

0 0.3 0.6 0.9 1.2 1.5 km Scale:  
 0 0.2 0.4 0.6 0.8 1 mi 1" = 1,600'

Gravel bonded acres



Map center is 37° 48' 32"N, 92° 10' 50"W (WGS84/NAD83)

Waynesville quadrangle T36N,R11W,Pulaski County

M=1.4

Limestone bonded acres Projection is UTM Zone 15 NAD83 Datum

G=0.502



Limestone Mine Plan acres



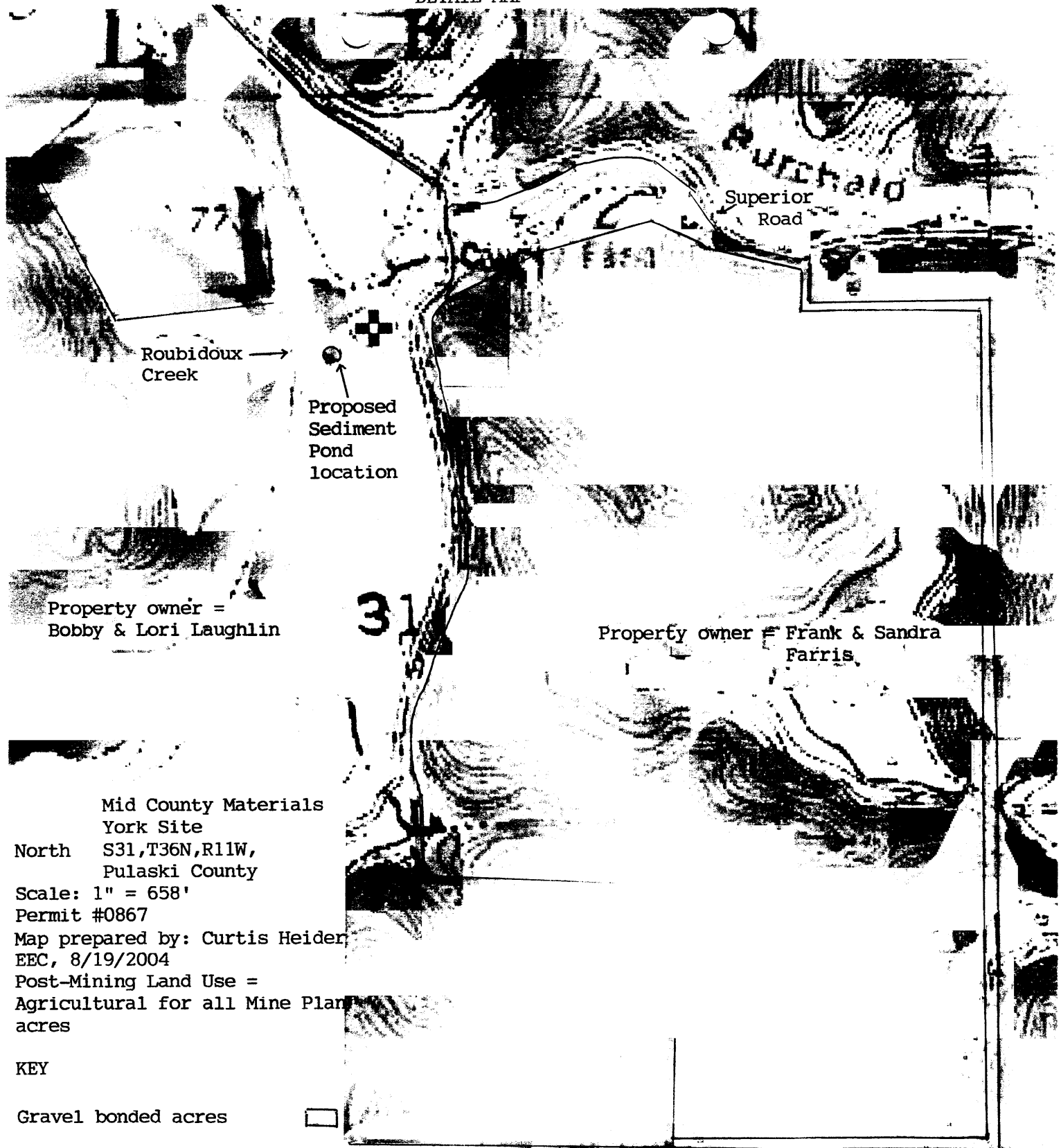
Map prepared by:

Curtis Heider, EEC, 8/19/2004

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Property owner =  
Bobby & Lori Laughlin

Property owner = Frank & Sandra  
Farris

Mid County Materials  
York Site

North S31,T36N,R11W,  
Pulaski County

Scale: 1" = 658'

Permit #0867

Map prepared by: Curtis Heiden  
EEC, 8/19/2004

Post-Mining Land Use =  
Agricultural for all Mine Plan  
acres

# KEY

Gravel bonded acres



Limestone bonded acres



Limestone Mine Plan acres



Property lines



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